



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DISTRICT, SACRAMENTO
CORPS OF ENGINEERS
1325 J STREET
SACRAMENTO, CALIFORNIA 95814-2922

JAN 08 2007

Mr. Rex Archer
5906 Cohn Avenue
Marysville, Calif. 95901

Dear Mr. Archer:

I am sending this letter to clarify comments that were contained in my previous letter, dated 4 December 2006.

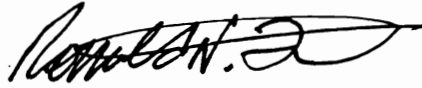
Thank you for your letter regarding Three Rivers Levee Improvement Authority (TRLIA) request for assurance of certification of the levees protecting RD 784. In my reply to your letter, dated December 4, 2006, the Corps position regarding the 1986 Linda Break levee repair and the TRLIA was not made clear. This letter clarifies our position.

In your letter, you expressed concerns regarding the repair of the 1986 Linda Break on the Yuba River. Remediation of this site was completed in 2004 by TRLIA, using a large seepage berm. The Corps of Engineers and TRLIA searched for a solution that would ensure adequate protection from flooding. There were a number of alternatives studied including, but not limited to, seepage berms, stability berms, relief wells, cut off walls (e.g. slurry walls), and toe drains.

For this "break site" the most cost effective and viable solution was the construction of a semi-pervious seepage berm. This alternative has an advantage in that it not only mitigates against internal erosion from seepage, but also buttresses the levee. Soil samples were collected at this site, laboratory tests were performed on the samples collected, analysis made of the levee section, plans and specifications were developed for the mitigation measures, and the seepage berm was constructed as designed. The seepage berm performed as desired in the recent high water event. We also examined the designed junction of the cutoff walls with the seepage berm. In all respects, the Corps is satisfied with the design and performance of the repairs made at the Linda Break site.

As TRLIA progresses with its levee improvements, we are continuing to evaluate the adequacy and effectiveness of those levee improvements with detailed review. We are studying each reach of the levee improvements carefully to ensure they are designed and constructed in the appropriate manner to Corps standards. TRLIA has put together an excellent team to proceed with the improvements. We are very satisfied with the levee

improvement work done to date and have confidence in that work. If you have additional concerns please contact Mr. Ed Ketchum, Chief Soil Design Section, (916) 557-5383.

A handwritten signature in black ink, appearing to read 'Ronald N. Light', with a stylized flourish at the end.

RONALD N. LIGHT
COL, EN
Commanding

CF:

Engineering Division

Geotechnical and Environmental Engineering Branch
Design Branch

Construction Operation Division

Operations Branch

Program and Project Management Division

Civil Works Branch